

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

1. Claim 1 (currently amended): A method of detecting leakage ~~in comprising the steps of providing~~ a heat exchanger, ~~particularly a plate heat exchanger,~~ by circulating under pressure a liquid admixed with a first tracer on ~~one~~ a first side of said heat exchanger, referred to as ~~the~~ a first donor face, ~~and by~~ circulating a second liquid under no pressure or under a lower pressure on the second side of said first heat exchanger, referred to as ~~the~~ a first recipient face, ~~and by~~ measuring whether said first tracer is detectable on said first recipient face, ~~characterised in that~~ adding a second tracer is ~~added~~ to the second liquid on the second side of the heat exchanger in case the first tracer was undetectable on the first recipient face, ~~whereafter reversing the pressure is reversed in such a manner that to make~~ said first recipient face ~~is the~~ a new donor face and the first donor face ~~is the~~ a new recipient face, and ~~that it is measured~~ determining whether said second tracer is detectable on said new recipient face.

2. Claim 2 (currently amended): A method according to claim 1, ~~characterised in that wherein~~ the first tracer ~~is in form of~~ comprises an electrolyte, one of two different colorants or one or two different fluorescent substances, and the second tracer ~~is in form of~~ comprises one of the former five tracers differing from the first tracer.

3. Claim 3 (new): A method according to claim 1 comprising providing a plate heat exchanger as said heat exchanger.